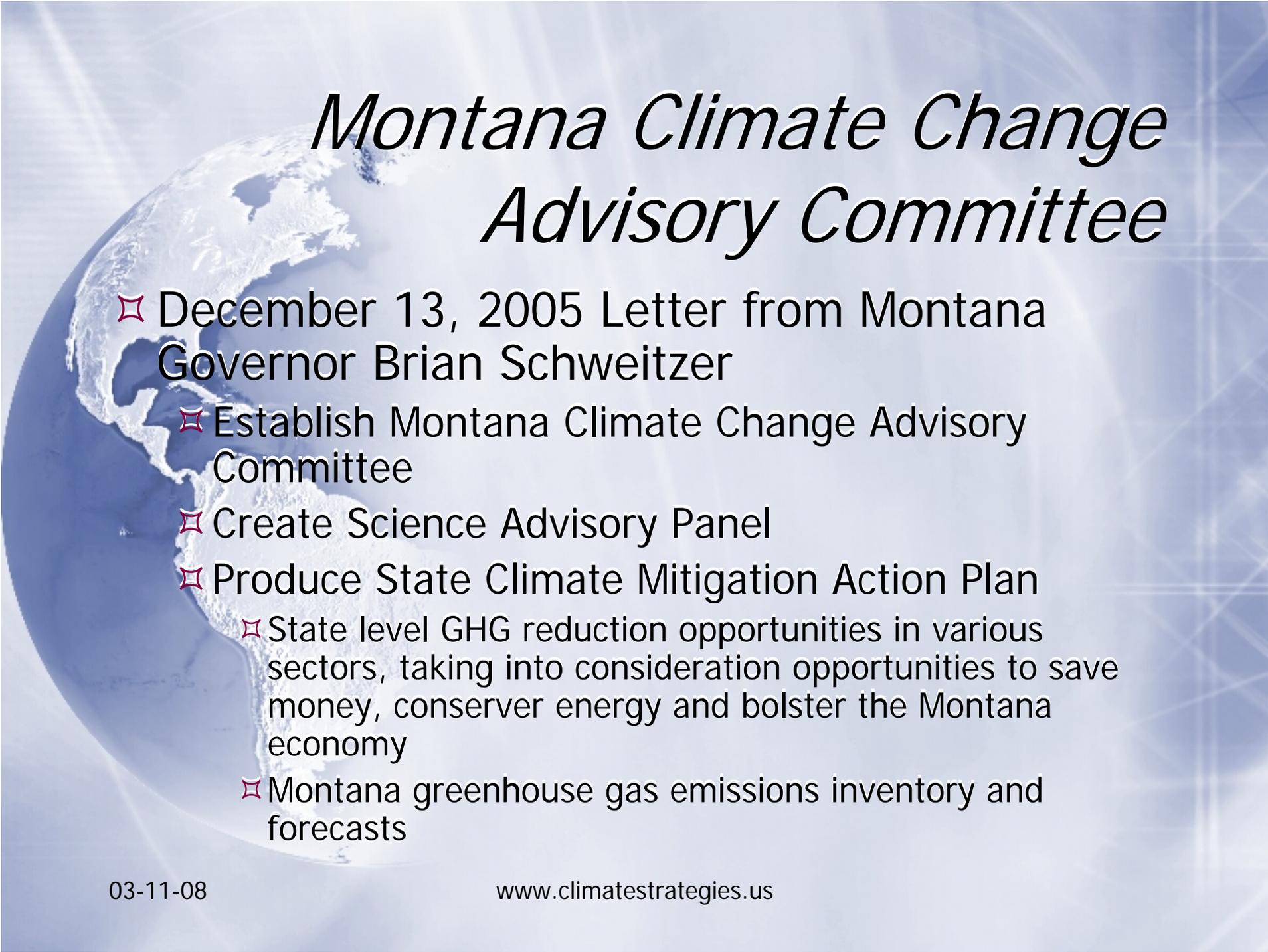


*Montana Climate Change
Advisory Committee*

*The Center for Climate Strategies
March 11, 2008*



Montana Climate Change Advisory Committee

- ✧ December 13, 2005 Letter from Montana Governor Brian Schweitzer
 - ✧ Establish Montana Climate Change Advisory Committee
 - ✧ Create Science Advisory Panel
 - ✧ Produce State Climate Mitigation Action Plan
 - ✧ State level GHG reduction opportunities in various sectors, taking into consideration opportunities to save money, conserve energy and bolster the Montana economy
 - ✧ Montana greenhouse gas emissions inventory and forecasts

CCAC Process

✧ Deliberative Democracy

- ✧ Stepwise
- ✧ Fact based
- ✧ Consensus driven
- ✧ Self determined
- ✧ Informal
- ✧ Nonbinding
- ✧ Transparent
- ✧ Inclusive
- ✧ Flexible





Ten Step Work Plan

1. Develop initial Montana GHG inventories and forecasts
 - ✧ for review and revision by CCAC, by vote
2. Identify full range of possible GHG mitigation options for Montana
 - ✧ combination of 251 existing state actions across the US and Montana, plus new Montana actions identified by the CCAC, 300+ total, by vote
3. Identify 65 initial priorities for evaluation
 - ✧ by CCAC vote
4. Evaluate supply potential, cost effectiveness, ancillary and feasibility issues as needed
 - ✧ for CCAC review and approval, with modifications based on CCAC request as needed, final approval by vote
5. Identify barriers, alternative policy design needs
 - ✧ by CCAC vote



Ten Step Work Plan

6. Identify barriers, alternative policy design needs
 - ✧ (by CCAC vote)
7. Modify, add or subtract Montana options as needed
 - ✧ (by CCAC vote)
8. Evaluate cumulative results of Montana options
 - ✧ (for CCAC review and approval, with modifications based on CCAC request as needed)
9. Iterate to consensus
 - ✧ (by CCAC vote, 54 Montana recommendations approved)
10. Aggregate 54 Montana options into implementation scenarios
 - ✧ (for CCAC review and approval, with modifications based on CCAC request as needed)

Completion: Finalize report language

- ✧ (for CCAC review and approval, with modifications based on CCAC input)

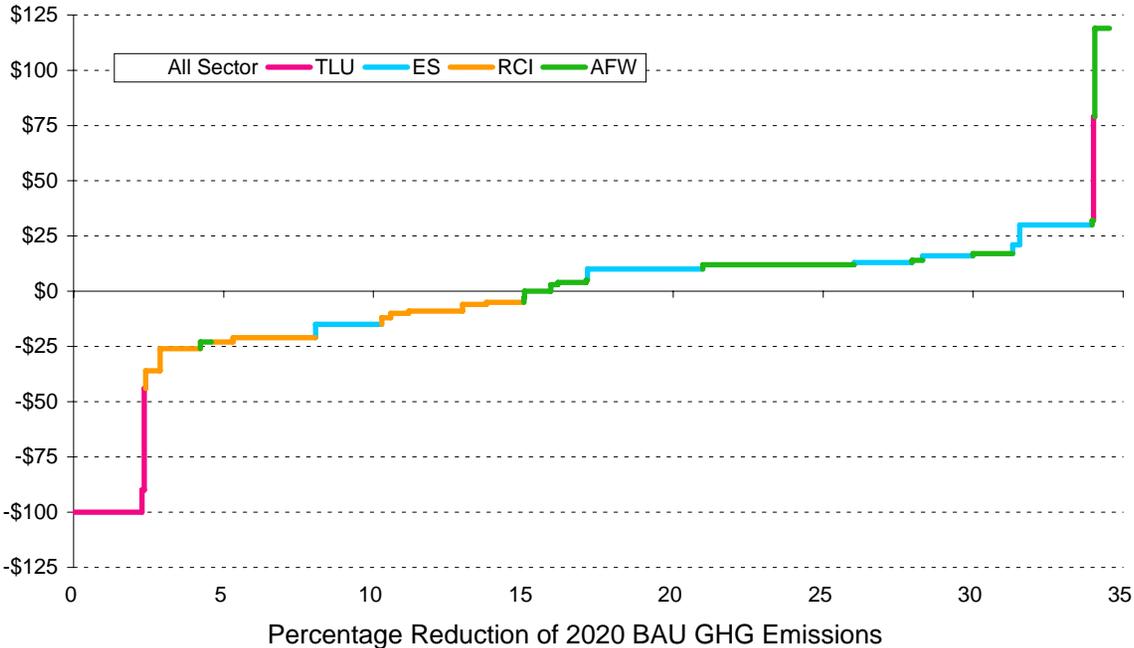
Implementation Mechanisms

	Codes & Standards	Market Mechanisms	Funding Mechanisms	Voluntary Agreements	Technical & Financial Assistance	Information & Education	Pilots & Demo Projects	Reporting & Disclosure
Agriculture & Forestry								
Energy Supply								
Residential, Commercial, & Industrial								
Transportation & Land Use								
Waste Management								
Cross-Cutting/Multi Sector Issues								

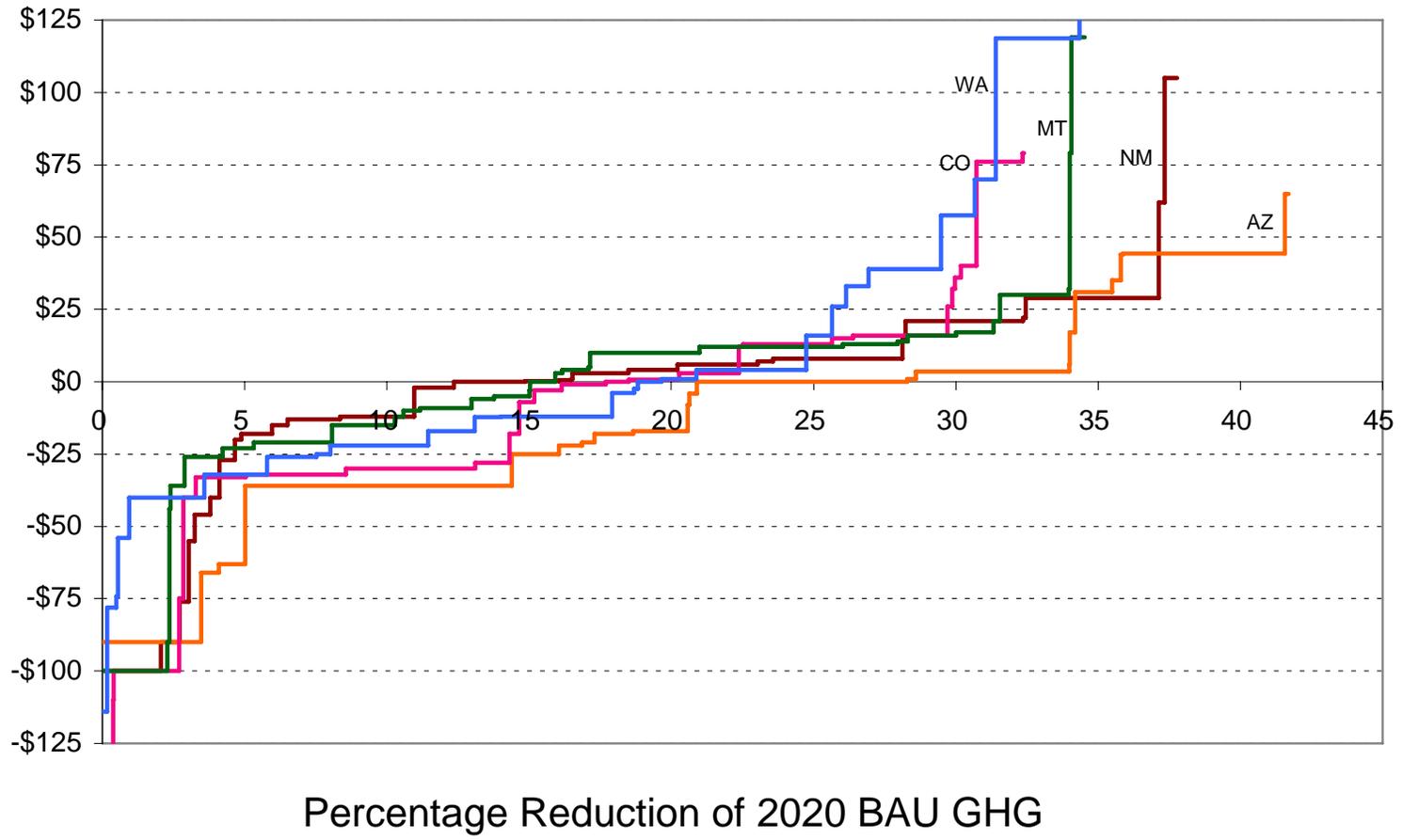
Montana

8

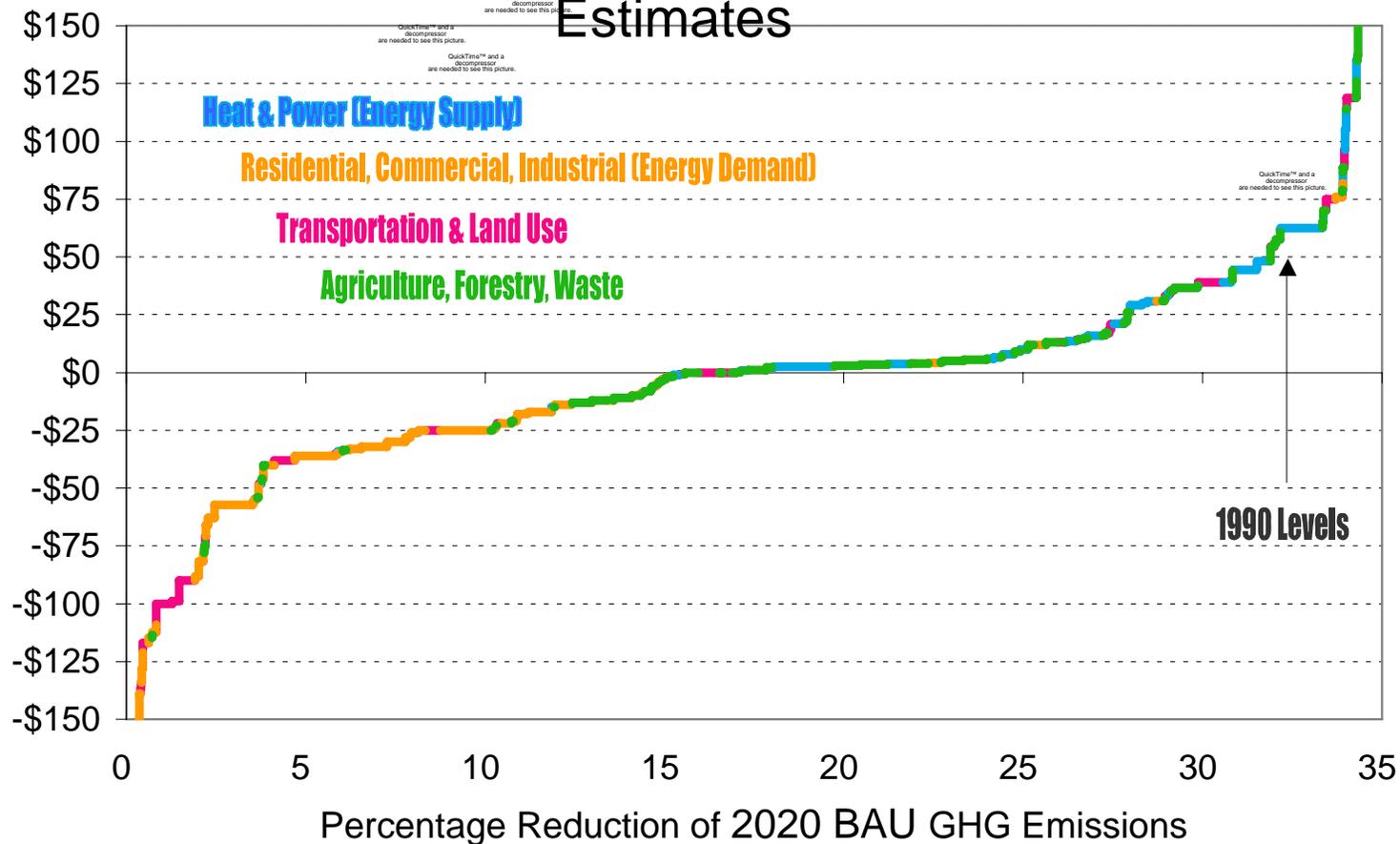
Economy-wide Stepwise
Marginal Cost Curves of Montana, 2020
(Center for Climate Strategies, 2008)



Stepwise GHG Mitigation Cost Curves of Western States



Stepwise Marginal Cost Curves, All Sectors, from US State GHG Plans, 2020 Annual Estimates



State GHG Abatement Supply Curves (\$/Ton GHG Removed)

- ✧ States with facilitated, comprehensive GHG plans
- ✧ Actions with \$/ton for all sectors (excludes major non-quantified actions expected to yield net \$ savings)
- ✧ Data is the product of custom selection, design and analysis through a facilitated stakeholder consensus processes (bottom up, transparent)
- ✧ Most recent data from plans; implementation results are included for past and some present actions
- ✧ Data reported for 2020 (with scaling as needed)
- ✧ Specific data sources, methods, assumptions in report appendices (available through CCS)



McKinsey Global GHG Cost Curve, 2007

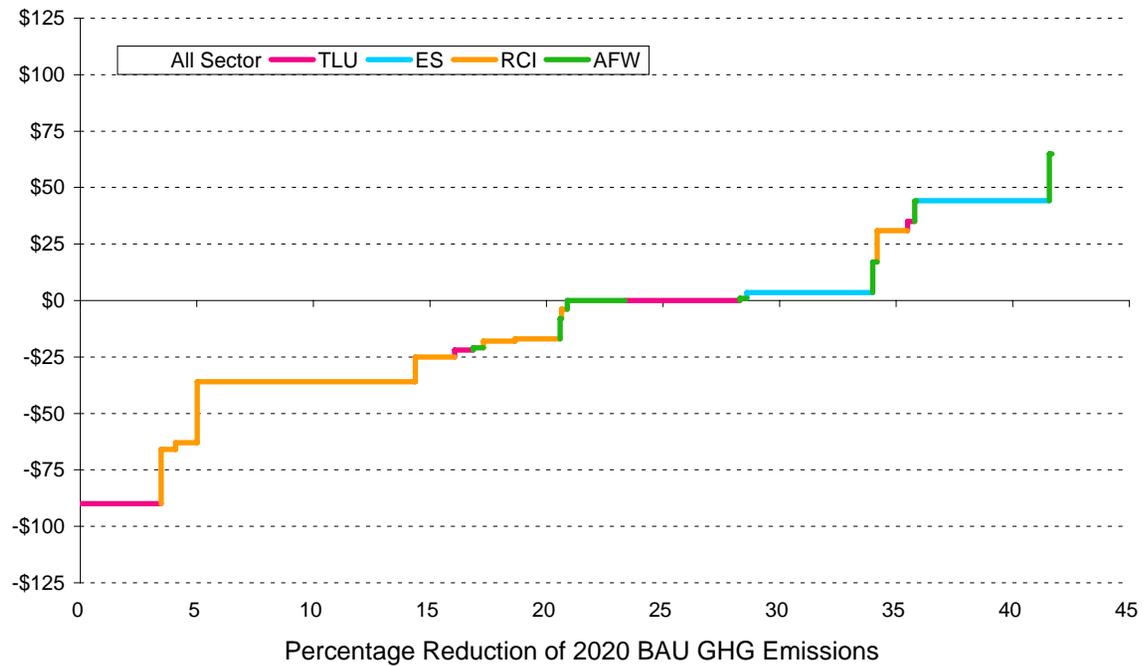
QuickTime™ and a
decompressor
are needed to see this picture.

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Arizona

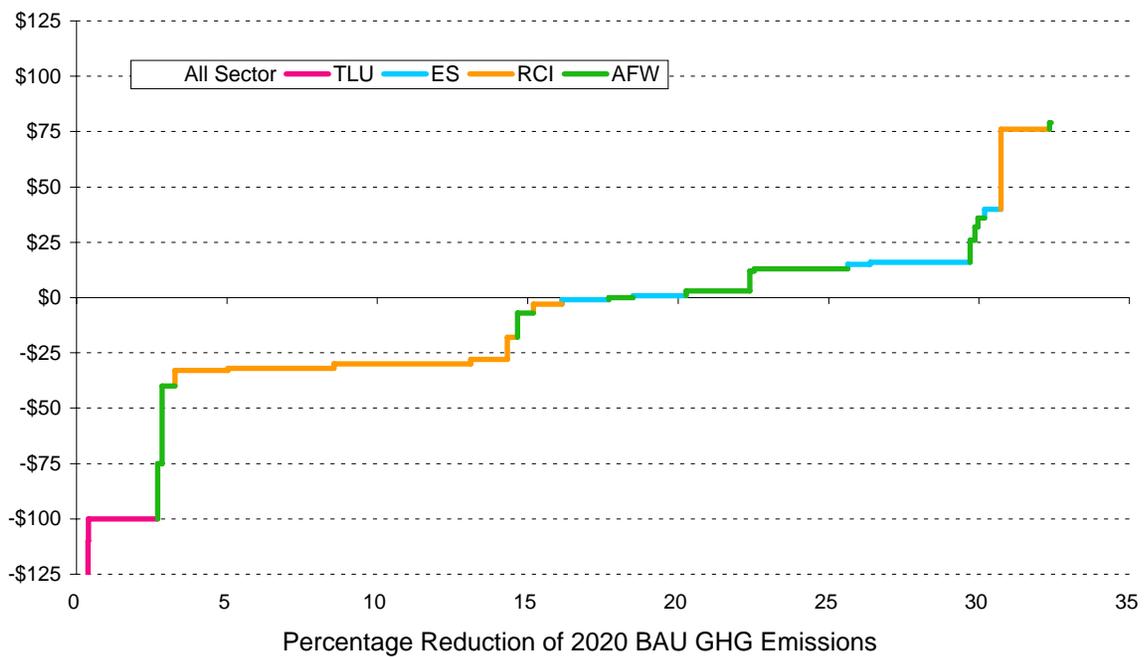
Economy-wide Stepwise
Marginal Cost Curves of Arizona, 2020
(Center for Climate Strategies, 2008)



Colorado

2008

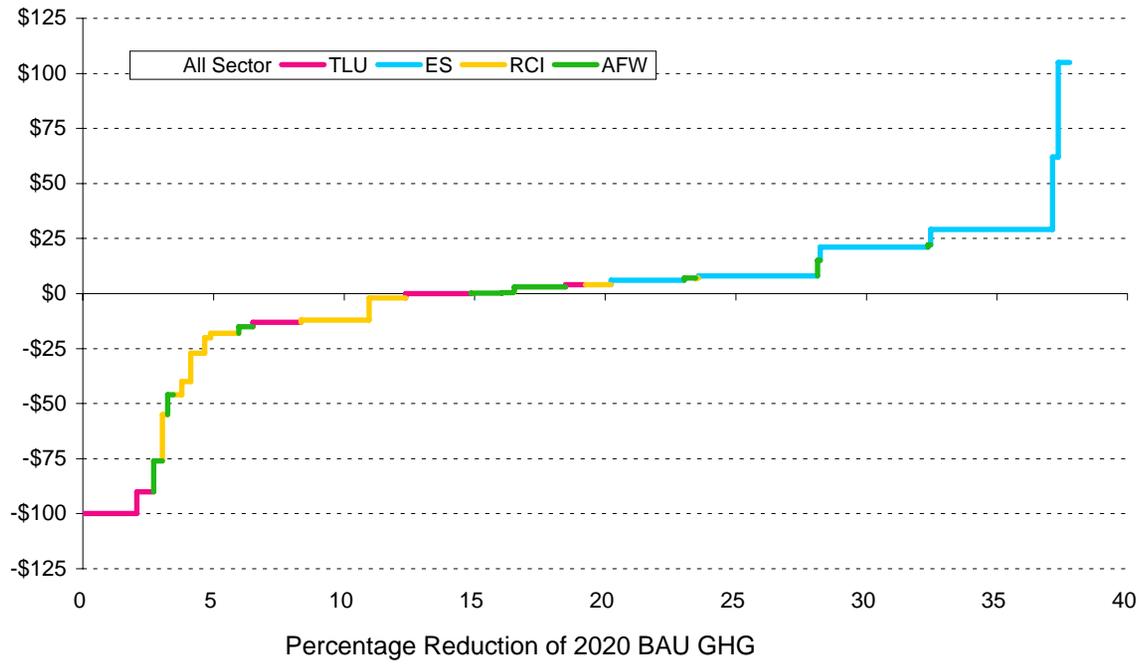
Economy-wide Stepwise
Marginal Cost Curves of Colorado, 2020
(Center for Climate Strategies, 2008)



New Mexico

8

Economy-wide Stepwise
Marginal Cost Curves of New Mexico,
2020



Washington

08

Economy-wide Stepwise
Marginal Cost Curves of Washington,
2020

